1. ?

2 Straight lines

3. Math Teacher

4. Match My Number

3:

a = -24576

b = -22858

for n = A to B

%(n) = KP

next N

%(20050) = B

Return

NT = 0

RUN

4:

-22773

D = 7
E = 7

1

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>1UUUUUUUUUUUUUUUUUUUUUUUUUUUUUU}UUUUUUUUUUUUUUUUUUUUUU}UUUUUUUUUUUUUUUU}UUUUUUUUU

32000 FOR A=DTO E;IF %(A)c256#13NEXT A
32010 N=N+1;A=A+2;@(N)=%(A);NEXT A
32020 INPUT ".FL#"O,".SP"G;:PRINT ;M=0;GOSUB F;FOR A=DTO E;TV=%(A);B=%(A)c256;IF
 (RM=13)+(RM=-243)GOSUB F
32030 IF (RM=110)+(RM=111)GOSUB H
32040 NEXT A;PRINT ;STOP
32050 T=0;FOR B=ATO A+5;IF (%(B)c256-53)c6=0 T=Tb10+RM+5;A=A+1;NEXT B
32060 FOR B=0TO N;IF @(B)=TPRINT #0,BbG+O,;RETURN
32070 NEXT B;RETURN
32080 PRINT #4,MbG+O,;TV=32;M=M+1;A=A+2;RETURN
```

Dunson #1

```
  1 .
  2 .
  3 .
  4 .
  5 :RETURN
  6 .MATH TEACHER
  7 .J DUNSON
  8 .REV 2/81
  9 E=420;F=430;G=450;H=330;I=390;J=400;K=410;N=360;O=370;Q=440
 10 NT=0;GOSUB F;CLEAR ;&(9)=168;GOSUB Q;PRINT ;PRINT ;PRINT "*>     aMATH TEACH
ER_     <*";CY=-24;PRINT " + - b c PUSH GO! c b - +";GOSUB E
 20 FOR D=1TO 2000;IF &(23)=1GOSUB F;GOTO 40
 30 NEXT D;FC=BC-7;GOTO 20
 40 CLEAR ;PRINT ;PRINT ;PRINT "*>  HOW MANY WOULD YOU  <*     LIKE THIS TIME?"
;GOSUB E
 50 CX=-6;INPUT ""P;IF (P<1)+(P>100)PRINT "a FROM  1 TO 100 PLEASE! _";GOTO 50
 60 GOSUB F;CLEAR ;PRINT ;PRINT "*>  SELECT SKILL LEVEL  <*";PRINT ;GOSUB G;PRI
NT "1. (1 TO 5)";GOSUB G;PRINT "2. (1 TO 10)";GOSUB G;PRINT "3. (1 TO 12)
 70 GOSUB G;PRINT "4. (5 TO 12)";GOSUB G;PRINT "5. (9 TO 12)";GOSUB G;PRINT "6.
(12 TO 20)";GOSUB E;M=KP;GOSUB F
 80 CLEAR ;PRINT ;PRINT "*>    MAKE SELECTION    <*";PRINT ;GOSUB G;PRINT "1. A
DD";GOSUB G;PRINT "2. SUBTRACT";GOSUB G;PRINT "3. MULTIPLY";GOSUB G
 90 PRINT "4. DIVIDE";GOSUB G;PRINT "5. MIXED";GOSUB E;T=KP
100 R=0;W=0;L=P+1;CLEAR
110 CLEAR ;IF R+W>P-1GOSUB F;GOTO 460
120 IF M=49A=RND (5);B=RND (5)
130 IF M=50A=RND (10);B=RND (10)
140 IF M=51A=RND (12);B=RND (12)
150 IF M=52A=RND (8)+4;B=RND (8)+4
160 IF M=53A=RND (4)+8;B=RND (4)+8
170 IF M=54A=RND (8)+12;B=RND (8)+12
180 IF T=4GOTO 250
190 IF T=5GOTO 270
200 IF T=1GOTO 290
210 IF T=2GOTO 310
220 S=RND (4);IF S=2GOTO 270
230 IF S=3GOTO 290
240 IF S=4GOTO 310
250 GOSUB H;GOSUB N;PRINT #1,A,"+",B,"=",;INPUT ""C;IF A+B=CGOTO I
260 GOSUB J;PRINT #2,A+B;GOSUB K;GOTO 250
270 GOSUB H;GOSUB N;PRINT #1,A+B,"-",B,"=",;INPUT ""C;IF A=CGOTO I
280 GOSUB J;PRINT #2,A,;GOSUB K;GOTO 270
290 GOSUB H;GOSUB O;PRINT #1,A,"b",B,"=",;INPUT ""C;IF AbB=CGOTO I
300 GOSUB J;PRINT #2,AbB;GOSUB K;GOTO 290
310 GOSUB H;GOSUB O;PRINT #1,AbB,"c",B,"=",;INPUT ""C;IF A=CGOTO I
320 GOSUB J;PRINT #2,A;GOSUB K;GOTO 310
330 L=L-1;CX=-6;CY=38;PRINT #1,L;GOSUB Q;BOX 0,0,84,40,1;BOX 0,0,72,32,2;X=-15;
CY=0;IF A>9X=X-3
340 IF B>9X=X-3
350 RETURN
360 IF A+B>9X=X-3;CX=X;RETURN
370 IF AbB>9X=X-3;IF AbB>99X=X-3
380 CX=X;RETURN
390 CX=-18;PRINT "CORRECT!";R=R+1;FOR D=1TO 200;NEXT D;GOTO 110
400 CY=-32;PRINT " CORRECT ANSWER IS ",;RETURN
410 FOR D=1TO 500;NEXT D;W=W+1;RETURN
420 FOR D=0TO 176;&(10)=D;NEXT D;RETURN
430 FOR D=176TO 0STEP -1;&(10)=D;NEXT D
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440 BC=RND (32)b8;FC=BC-1;RETURN
450 CX=-40;RETURN
460 PRINT ;PRINT "*>     SESSION OVER     <*";PRINT ;PRINT " RIGHT ANSWERS: ",#
1,R;PRINT " WRONG ANSWERS: ",#1,W
470 PRINT ;PRINT ;PRINT " FOR A REPEAT, PUSH.....1";PRINT " FOR DIFFERENT, PUSH
....2";GOSUB E
480 FOR D=1TO 2000;IF &(23)=8GOTO 100
490 IF &(22)=8GOSUB F;GOTO 40
500 NEXT D;FC=BC-7;GOTO 480
```

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>xuUUUUUUUUuUUUUuUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUUuUUUUu*uUUUUuUUUUUUUUUU
  1 .
  2 .
  3 .
  4 .MATCH MY NUMBER
  6 .JIM DUNSON 12/78
  7 .WORK MODEL
  8 .W/BUGS
  9 .
 10 CLEAR ;NT=0;CY=0;PRINT " HOW MANY PLAYERS? (1-3)
 20 X=KP;CLEAR ;BC=127;FC=88;BOX 0,0,160,88,1;BOX 0,0,156,84,2;CY=37;CX=-44;PRI
NT "MATCH MY NUMBER";BOX 0,32,160,1,1
 30 CY=27;CX=-62;PRINT "SCORE:";BOX 0,22,160,1,1;CY=11;CX=-48;PRINT "TRY LESS T
HAN";CY=2;CX=-48;PRINT "TRY MORE THAN"
 40 CY=-13;CX=-62;PRINT "#1.";CY=-21;CX=-62;PRINT "#2.";CY=-29;CX=-62;PRINT "#3
.";D=0;E=0;F=0;T=0
 50 M=0;V=0;L=100;R=RND (99)
 60 CY=27;CX=-20;PRINT #1,"  1:",D,"  2:",E,"  3:",F;CY=11;CX=38;PRINT #1,L;CY=
2;CX=38;PRINT #1,M;GOSUB 460;GOSUB 490;INPUT ""A
 70 IF X=49GOTO 110
 80 GOSUB 470;GOSUB 490;INPUT ""B
 90 IF X=50GOTO 110
100 GOSUB 480;GOSUB 490;INPUT ""C
110 GOSUB 460;GOSUB 500;GOSUB 470;GOSUB 500;GOSUB 480;GOSUB 500
120 IF R=A D=D+1;GOSUB 460;GOSUB 510
130 IF R=B E=E+1;GOSUB 470;GOSUB 510
140 IF R=C F=F+1;GOSUB 480;GOSUB 510
150 IF V>0FOR Z=1TO 1000;NEXT Z
160 GOSUB 460;GOSUB 500;GOSUB 470;GOSUB 500;GOSUB 480;GOSUB 500
170 G=A>B ;H=A<B ;I=A>C ;J=A<C ;K=A>R ;N=A<R ;O=B>C ;P=B<C ;Q=B>R ;S=B<R ;U=C>R
;W=C<R
180 IF X=50GOTO 230
190 IF X=51GOTO 300
200 IF K L=A
210 IF N M=A
220 GOTO 380
230 IF K IF Q IF G L=B
240 IF K IF Q IF H L=A
250 IF K IF S L=A ;M=B
260 IF N IF Q L=B ;M=A
270 IF N IF S IF G M=A
280 IF N IF S IF H M=B
290 GOTO 380
300 IF K IF Q IF U GOSUB 530
310 IF K IF Q IF W GOSUB 600
320 IF K IF S IF U GOSUB 640
330 IF N IF Q IF U GOSUB 680
340 IF N IF S IF W GOSUB 720
350 IF N IF S IF U GOSUB 790
360 IF N IF Q IF W GOSUB 830
370 IF K IF S IF W GOSUB 870
380 IF D>9GOSUB 460;GOSUB 520
390 IF E>9GOSUB 470;GOSUB 520
400 IF F>9GOSUB 480;GOSUB 520
410 IF T>0GOTO 440
420 IF V>0GOTO 50
430 GOTO 60
440 FOR Z=1TO 2000;NEXT Z
450 GOTO 10
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460 CY=-12;CX=-38;RETURN
470 CY=-21;CX=-38;RETURN
480 CY=-29;CX=-38;RETURN
490 PRINT " YOUR  TURN!",;RETURN
500 PRINT "                    ";RETURN
510 PRINT "MATCHED MY NUMBER!";V=V+1;RETURN
520 PRINT "IS  A  WINNER!!!!!";T=T+1;RETURN
530 IF H IF J L=A
540 IF G IF P L=B
550 IF I IF O L=C
560 IF H IF B=C L=A
570 IF P IF A=C L=B
580 IF I IF A=B L=C
590 RETURN
600 IF H L=A ;M=C
610 IF G L=B ;M=C
620 IF A=B L=A ;M=C
630 RETURN
640 IF J L=A ;M=B
650 IF I L=C ;M=B
660 IF A=C L=A ;M=B
670 RETURN
680 IF P L=B ;M=A
690 IF O L=C ;M=A
700 IF B=C L=B ;M=A
710 RETURN
720 IF G IF I M=A
730 IF H IF O M=B
740 IF J IF P M=C
750 IF G IF B=C M=A
760 IF O IF A=C M=B
770 IF J IF A=B M=C
780 RETURN
790 IF G M=A ;L=C
800 IF H M=B ;L=C
810 IF A=C M=A ;L=C
820 RETURN
830 IF I M=A ;L=B
840 IF J M=C ;L=B
850 IF A=C M=A ;L=B
860 RETURN
870 IF O M=B ;L=A
880 IF P M=C;L=A
890 IF B=C M=B ;L=A
900 RETURN
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